

Title (en)

OFFSET BALLOONS FOR LUMEN SUPPORT OR DILATION

Title (de)

OFFSET-BALLONS ZUR LUMENUNTERSTÜTZUNG ODER -DILATATION

Title (fr)

BALLONNETS DE DÉCALAGE POUR SUPPORT OU DILATATION DE LUMIÈRE

Publication

**EP 3417903 A1 20181226 (EN)**

Application

**EP 18275082 A 20180615**

Priority

US 201715631797 A 20170623

Abstract (en)

A system for providing dilation and support to a body vessel includes a shaft having two compliant balloons (318,319) attached to the shaft and spaced apart longitudinally from each and defining a longitudinal intermediate space between them. The shaft includes an inflation lumen for inflating the balloons (318,319) and a delivery lumen for delivering secondary balloons (350) into the intermediate space. Secondary balloons (350) are deliverable over wires (340) that extend through the delivery lumen and out of the side-ports of the shaft, with the secondary balloons (350) delivered through the side ports and to a desired location and inflated in the intermediate space or adjacent the intermediate space, such as to branch vessels. The compliant balloons are inflatable toward each other to take up the intermediate and conform to the shape of the body vessel and the secondary balloons.

IPC 8 full level

**A61M 25/10** (2013.01); **A61F 2/954** (2013.01); **A61F 2/958** (2013.01)

CPC (source: EP US)

**A61F 2/954** (2013.01 - EP US); **A61M 25/1011** (2013.01 - EP US); **A61M 25/1034** (2013.01 - US); **A61M 25/104** (2013.01 - EP US); **A61M 2025/0063** (2013.01 - US); **A61M 2025/1045** (2013.01 - EP US); **A61M 2025/1052** (2013.01 - EP US); **A61M 2025/1095** (2013.01 - US)

Citation (search report)

- [XYI] EP 2672925 A2 20131218 - ADVANCED BIFURCATION SYSTEMS INC [US]
- [Y] DE 202011003097 U1 20110609 - GALDEN DANIEL [DE]
- [XI] US 7871431 B2 20110118 - GURM HITINDER [US], et al

Cited by

US11571297B2; WO2021015929A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3417903 A1 20181226**; US 2018369546 A1 20181227

DOCDB simple family (application)

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